| PATENT | APPLICATION | SERIAL I | NO. | |
|---------------|-------------|----------|-----|--|
| | | | | |

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FEE RECORD SHEET

12/07/2001 SDIRETA1 00000059 180013 10002536

01 FC:201 02 FC:203 03 FC:202 370.00 CH 117.00 CH 252.00 CH

PTO-1556 ((5/87))

"!U.S./GPO: 2000-468-987/39595



Practitioner's Docket No. 65446-0087

PATENT

Preliminary Classification:

Proposed Class:

Subclass:

NOTE: "All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand corner of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129." M.P.E.P. Section 601, 7th ed.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application Commissioner for Patents Washington, D.C. 20231



NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of MICHAEL DAVID KANE, AARON C. NAGEL, and ALAN A. DOMBKOWSKI.

CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) AND 1.10*

(When using Express Mail, the Express Mail label number is mandatory; Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

[X] deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

37 C.F.R. Section 1.8(a)

37 C.F.R. Section 1.10*

[] with sufficient postage as first class mail. [X] as "Express Mail Post Office to Address" Mailing Label No. EL862871450 US

(mandatory)

TRANSMISSION

[] transmitted by facsimile to the Patent and Trademark Office (703)

Date: 11/01/01

Signature Wendy Balabon

(type or print name of person certifying)

*WARNING:

Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. Section 1.10(b).

"Since the filing of correspondence under [Section] 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(New Application Transmittal--page 1 of 13)

[]

[]

Continuation.

Continuation-in-part (C-I-P).

Attorney Docket No.: 65446-0087 EL 862871450 US

| Invent | or(s): | | | | |
|--------------|----------------------------------|---|--|--|--|
| WARNING: | | 37 C.F.R. Section 1.41(a)(1) points out: | | | |
| | | "(a) A patent is applied for in the name or names of the actual inventor or inventors. | | | |
| | declarat inventor under th | (1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration with the section 1.63, except as provided for in Section 1.53(d)(4) and Section 1.63(d). If an oath or tion as prescribed by Section 1.63 is not filed during the pendency of a nonprovisional application, the ship is that inventorship set forth in the application papers filed pursuant to Section 1.53(b), unless a petition his paragraph accompanied by the fee set forth in Section 1.17(i) is filed supplying or changing the name or fine inventor or inventors." | | | |
| For (title): | | COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED GENES (mRNAs) IN EUKARYOTIC ORGANISMS | | | |
| 1. | Type of Application | | | | |
| | This no | ew application is for a(n) | | | |
| | | (check one applicable item below) | | | |
| | [X] [] [] | Original (nonprovisional) Design Plant | | | |
| WARNI | NG: | Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. 371(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application. | | | |
| WARNI | NG: | Do not use this transmittal for the filing of a provisional application. | | | |
| NOTE: | TRANSA | the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION MITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT CATION OF THE FILING OF THIS CONTINUATION APPLICATION. | | | |
| | [] | Divisional. | | | |

2. Benefit of Prior U.S. Application(s) (35 U.S.C. Sections 119(e), 120, or 121)

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor

(New Application Transmittal--page 2 of 13)

at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. Section 112. Each prior application must also be:

- (I) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America; or
- (ii) Complete as set forth in Section 1.51(b); or
- (iii) Entitled to a filing date as set forth in Section 1.53(b) or Section 1.53(d) and include the basic filing fee set forth in Section 1.16; or
- (iv) Entitled to a filing date as set forth in Section 1.53(b) and have paid therein the processing and retention fee set forth in Section 1.21(l) within the time period set forth in Section 1.53(f).

37 C.F.R. Section 1.78(a)(1).

NOTE If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

WARNING:

If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

WARNING:

When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. Section 1.78(a)(3).

[X] The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

3. Papers Enclosed

A. Required for Filing Date under 37 C.F.R. Section 1.53(b) (Regular) or 37 C.F.R. Section 1.153 (Design) Application

23 Pages of Specification

17 Pages of Claims

4 Sheets of Drawing

WARNING:

DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to Section 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then

(New Application Transmittal--page 3 of 13)

Other

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submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. 1.84, see Notice of March 9, 1988 . (1990 O.G. 57-62).

"Identifying indicia, if provided, should include the application number or the title of the invention, inventor's name, NOTE: docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed on the back of each sheet of drawing a minimum distance of 1.5 cm. (5/8 inch) down from the top of the page. .. " 37 C.F.R. Section 1.84(c)). (complete the following, if applicable) The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO [] ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. Section 1.84(b). Formal [] Informal [X]Other Papers Enclosed В. Pages of declaration and power of attorney 1 Pages of Abstract Other **Additional Papers Enclosed** 4. Amendment to claims **[**] before calculating the Cancel in this applications claims _ filing fee. (At least one original independent claim must be retained for filing purposes.) Add the claims shown on the attached amendment. (Claims added have been [] numbered consecutively following the highest numbered original claims.) Preliminary Amendment Information Disclosure Statement (37 C.F.R. Section 1.98) [] Form PTO-1449 (PTO/SB/08A and 08B) [] Citations Declaration of Biological Deposit [] Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid Authorization of Attorney(s) to Accept and Follow Instructions from Representative Special Comments

5. Declaration or Oath (including power of attorney)

NOTE: A newly executed declaration is not required in a continuation or divisional application provided the prior nonprovisional application contained a declaration as required, the application being filed is by all or fewer than all the inventors named in the prior application, there is no new matter in the application being filed, and a copy of the executed declaration filed in the prior application (showing the signature or an indication thereon that it was signed) is submitted. The copy must be accompanied by a statement requesting deletion of the names of person(s) who are not inventors of the application being filed. If the declaration in the prior application was filed under Section 1.47 then a copy of that declaration must be filed accompanied by a copy of the decision granting Section 1.47 status or, if a nonsigning person under Section 1.47 has subsequently joined in a prior application, then a copy of the subsequently executed declaration must be filed. See 37 C.F.R. Section 1.63(d)(1)-(3).

NOTE: A declaration filed to complete an application must be executed, identify the specification to which it is directed, identify each inventor by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and the residence, post office address and country of citizenship of each inventor, and state whether the inventor is a sole or joint inventor. 37 C.F.R. Section 1.63(a)(1)-(4).

NOTE: A The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by Section 1.62, except as provided for in Section 1.53(d)(4) and Section 1.63(d). If an oath or declaration as prescribed by Section 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to Section 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in Section 1.17(I) is filed supplying or changing the name or names of the inventor or inventors. 37 C.F.R. Section 1.41(a)(1).

| [] | Enclosed |
|----|---|
| | Executed by |
| | (check all applicable boxes) |
| | [] inventor(s). [] legal representative of inventor(s). 37 C.F.R. Section 1.42 or 1.43. [] joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached. |

[] This is the petition required by 37 C.F.R. Section 1.47 and the statement required by 37 C.F.R. Section 1.47 is also attached. See item 13 below for fee.

[X] Not Enclosed.

NOTE: Where the filing is a completion in the U.S. of an International Application, or where the completion of the U.S. application contains subject matter in addition to the International Application, the application may be treated as a continuation or continuation-in-part, as the case may be, utilizing ADDED PAGE FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.

[] Application is made by a person authorized under 37 C.F.R. 1.41 on behalf of *all* the above named inventor(s).

(The declaration or oath, along with the surcharge required by 37 C.F.R. Section 1.16(e), can be filed subsequently).

(New Application Transmittal--page 5 of 13)

[]

[X]

| Attorney Docket No.: 65446-0087 | EL 862871450 US |
|---------------------------------|-----------------|
|---------------------------------|-----------------|

| [] | Showing that the filing is authorized. |
|----|---|
| | (not required unless called into question. 37 C.F.R. Section 1.41(d)) |

6. **Inventorship Statement**

WARNING:

If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted.

The inventorship for all the claims in this application are:

| THE III | VCIIIOI SII | ip for all the claims in this approacion are. |
|---------|-------------|---|
| | [] | The same. |
| | [] | Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made, [] is submitted. [] will be submitted. |
| 7. | Langu | age |
| NOTE: | translati | cation including a signed oath or declaration may be filed in a language other than English. An English on of the non-English language application and the processing fee of \$130.00 required by 37 C.F.R. Section s required to be filed with the application, or within such time as may be set by the Office. 37 C.F.R. Section |
| | [X] | English Non-English |
| | | [] The attached translation includes a statement that the translation is accurate. 37 C.F.R. Section 1.52(d). |
| 8. | Assign | ment |
| | [X] | An assignment of the invention to Genomic Solutions, Inc. |

"If an assignment is submitted with a new application, send two separate letters-one for the application and one for the assignment" Notice of May 4, 1990 (1114 O.G. 77-78).

PTO 1595 is also attached.

will follow.

is attached. A separate [] "COVER SHEET FOR ASSIGNMENT (DOCU-

MENT) ACCOMPANYING NEW PATENT APPLICATION" or [] FORM

(New Application Transmittal--page 6 of 13)

WARNING:

A newly executed "STATEMENT UNDER 37 C.F.R. Section 3.73(b)" must be filed when a continuation-inpart application is filed by an assignee. Notice of April 30, 1993, 1150 O.G. 62-64.

9. Certified Copy

Certified copy(ies) of application(s)

| Country | Appln. no. | Filed |
|---------|------------|-------|
| Country | Appln. no. | Filed |
| Country | Appln. no. | Filed |

| from w | vnich pri | ority is claimed |
|--------|-----------|--|
| | [] | is (are) attached. |
| | [] | will follow. |
| NOTE: | _ | ign application forming the basis for the claim for priority must be referred to in the oath or declaration. 37 Section 1.55(a) and 1.63. |
| NOTE: | This iter | n is for any foreign priority for which the application being filed directly relates. If any parent U.S. ion or International Application from which this application claims benefit under 35 U.S.C. 120 is itself |

entitled to priority from a prior foreign application, then complete item 18 on the ADDED PAGES FOR NEW

APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

| Attorney Docket No.: 65446-008 | Attorney | Docket No.: | 65446-0087 |
|--------------------------------|----------|-------------|------------|
|--------------------------------|----------|-------------|------------|

EL 862871450 US

| 10. | Fee Calculation (37 C.F.R. Section 1.16) | | | | | | | | |
|--------------------------------------|--|---------------|--------------------------------|--|---|---------------------|----------------------------------|---|------------------------|
| | A. | [] | Regular | application | | | | | |
| | _ | | <u> </u> | CLAIN | AS AS FILED | | | | |
| Claim | | | ber Filed | Basic Fee Allowance | Number Ex | ktra | Rate | Basic Fee 37 C.F.R. 1.16(a) \$710.00 | |
| Total (37 C. Section 1.16(c | n | 33 | | 33 - 20 = | 13 | X | \$18.00 | \$234.00 | |
| | endent C F.R. Sec | | 9 | 9-3 = | 6 x | | \$80.00 | | |
| Claim | ole Depe (s), if an F.R. Sec)) | y | | | | | | \$480.00 | |
| | | | | + | \$270.00 | | | | |
| | [] [] [] | Amen | dment delet | elling extra clain ing multiple-dep ns is not being pa | endencies is en | | d. | | |
| NOTE: | If the fe expiration Section | n of the til | ra claims are me period set | not paid on filing the for response by the l | hey must be paid o Patent and Traden | or the o nark Oj | claims cancei ffice in any no | led by amendment, protice of fee deficiency | ior to the 37 C.F.R |
| | | | | F | Filing Fee Calc | ulatio | on | <u>\$ 1,424.00</u> | |
| | В. | [] (\$320. | | pplication .R. Section 1.16 F | o(f)) Filing Fee Calc | ulatio | on | \$ | |
| | | | | | | (| (New Applica | ition Transmittalpage | e 8 of 13) |

| C. | [] Plant application | |
|----|-------------------------------------|--------|
| | (\$490.0037 C.F.R. Section 1.16(g)) | |
| | Filing Fee Calculation | \$ |
| | Ų | |

11. Small Entity Statement(s)

[X] Statement(s) that this is a filing by a small entity under 37 C.F.R. Section 1.9 and 1.27.

WARNING:

"Status as a small entity must be specifically established in each application or patent in which the status is available and desired. Status as a small entity in one application or patent does not affect any other application or patent, including applications or patents which are directly or indirectly dependent upon the application or patent in which the status has been established. The refiling of an application under Section 1.53 as a continuation, division, or continuation-in-part (including a continued prosecution application under Section 1.53(d)), or the filing of a reissue application requires a new determination as to continued entitlement to small entity status for the continuing or reissue application. A nonprovisional application claiming benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) of a prior application, or a reissue application may rely on a statement filed in the prior application or in the patent if the nonprovisional application or the reissue application includes a reference to the statement in the prior application or in the patent or includes a copy of the statement in the prior application or in the patent and status as a small entity is still proper and desired. The payment of the small entity basic statutory filing fee will be treated as such a reference for purposes of this Section." 37 C.F.R. Section 1.28(a)(2).

WARNING:

"Small entity status must not be established when the person or persons signing the . . . statement can unequivocally make the required self-certification." M.P.E.P. Section 509.03, 6th ed., rev. 2, July 1996 (emphasis added).

(complete the following, if applicable)

[X] Status as a small entity was claimed in prior application 60/244,933, filed on November 1, 2000 from which benefit is being claimed for this application under:

35 U.S.C. Section [X] 119(e),
[] 120,
[X] 127,
[] 365(e),

and which status as a small entity is still proper and desired.

[] A copy of the statement in the prior application is included.

Filing Fee Calculation (50% of A, B or C above) \$712.00

NOTE: Any excess of the full fee paid will be refunded if a small entity status is established refund request are filed within 2 months of the date of timely payment of a full fee. The two-month period is not extendable under Section 1.136. 37 C.F.R. Section 1.28(a).

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Attorney Docket No.: 65446-0087 EL 862871450 US

| 12. | Request for International-Type Search (37 C.F.R. Section 1.104(d)) | | | | | |
|-----|--|---------|---|------------------------------|--|--|
| | | | (complete, if applicable) | | | |
| | [] | | e prepare an international-type search report for this nal examination on the merits takes place. | application at the time when | | |
| 13. | Fee P | 'ayment | Being Made at This Time | | | |
| | [] | Not E | nclosed | | | |
| | | [] | No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. subsequently.) | Section 1.16(e) can be paid | | |
| | [X] | Enclo | sed | | | |
| | | [X] | Filing fee | \$ <u>712.00</u> | | |
| | | [] | Recording assignment (\$40.00; 37 C.F.R. Section 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION.") | \$ | | |
| | | [] | Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. Sections 1.47 and 1.17(i))\$ | | | |
| | | [] | For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. Sections 1.52(d) and 1.17(k))\$ | | | |
| | | [] | Processing and retention fee (\$130.00; 37 C.F.R. Sections 1.53(d) and 1.21(l))\$ | | | |
| | | [] | Fee for international-type search report (\$40.00; 37 C.F.R. Section 1.21(e)) | \$ | | |

NOTE: 37 C.F.R. Section 1.21(1) establishes a fee for processing and retaining any application that is abandoned for failing to complete the application pursuant to 37 C.F.R. Section 1.53(f) and this, as well as the changes to 37 C.F.R. Section 1.53

(New Application Transmittal--page 10 of 13)

and 1.78(a)(1), indicate that in order to obtain the benefit of a prior U.S. application, either the basic filing fee must be paid, or the processing and retention fee of Section 1.21(1) must be paid, within 1 year from notification under Section 53(f).

Total Fees Enclosed

\$712.00

| | 14. | Metho | d of | Payment | of Fee |
|--|-----|-------|------|----------------|--------|
|--|-----|-------|------|----------------|--------|

| [] Check in the amount of \$ |
|-------------------------------|
|-------------------------------|

[X] Charge **Account No. 18-0013** in the amount of \$_712.00. A duplicate of this transmittal is attached.

NOTE: Fees should be itemized in such a manner that it is clear for which purpose the fees are paid, 37 C.F.R. Section 1.22(b).

15. Authorization to Charge Additional Fees

WARNING:

If no fees are to be paid on filing, the following items should not be completed.

WARNING:

Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.

- [X] The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 18-0013.
 - [X] 37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)
 - [X] 37 C.F.R. Section 1.16(b), (c) and (d) (presentation of extra claims)

NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. Section 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.

- [X] 37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- [X] 37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a).
- [X] 37 C.F.R. Section 1.17 (application processing fees)

NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under Section 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in Section 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. Section 1.136(a)(3).

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Attorney Docket No.: 65446-0087 EL 862871450 US

[] 37 C.F.R. Section 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. Section 1.311(b))

NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance.

37 C.F.R. Section 1.311(b)).

NOTE: 37 C.F.R. Section 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying, . . issue fee." From the wording of 37 C.F.R. Section 1.28(b), (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

16. Instructions as to Overpayment

NOTE: "... Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. Section 1.26(a).

[X] Credit Account No. 18-0013.

[] Refund

Reg. No. 41,882 Reg. No. 33,373

Tel. No.: 248-594-0600

Customer No.: 010291

SIGNATURE OF PRACTITIONER

James F\Kamp, Esq.

Joseph W. Coppola, Esq.

(type or print name of practitioner)

39533 Woodward Avenue, Suite 140

Bloomfield Hills, Michigan 48304

P.O. Address

[X] Incorporation by reference of added pages

(check the following item if the application in this transmittal claims the benefit of prior U.S. application(s) (including an international application entering the U.S. stage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED)

| | [X] Plus Added Pages for New Application Transmittal Where Benefit of Prior I Application(s) Claimed | | | | |
|----|--|---|--|--|--|
| | | Number of pages added2 | | | |
| | [] | Plus Added Pages for Papers Referred to in Item 4 Above Number of pages added | | | |
| | [] | Plus added pages deleting names of inventor(s) named on prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application. Number of pages added | | | |
| | [] | Plus "Assignment Cover Letter Accompanying New Application" Number of pages added | | | |
| [] | State | Statement Where No Further Pages Added | | | |
| | (if no check | (if no further pages form a part of this Transmittal, then end this Transmittal with this page and check the following item) | | | |
| | [] | This transmittal ends with this page. | | | |
| | | | | | |

ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

NOTE: See 37 C.F.R. Section 1.78.

17. Relate Back

WARNING:

If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. Section 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. Section 120, 121 or 365(c). (35 U.S.C. Section 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. Section 119, 365(a) or 365(b).) For a c-I-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

(complete the following, if applicable)

| [] | Ì | Amend the specification by inserting, before the first line, the following se | entence |
|-----|---|---|---------|
|-----|---|---|---------|

A. 35 U.S.C. Section 119(e)

NOTE:

"Any nonprovisional application claiming the benefit of one or more prior filed copending provisional applications must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior provisional application, identifying it as a provisional application, and including the provisional application number (consisting of series code and serial number)." 37 C.F.R. Section 1.78(a)(4).

[X] "This application claims the benefit of U.S. Provisional Application(s) No(s).:

APPLICATION NO(S).:

FILING DATE

60/244,933

November 1, 2001"

B. 35 U.S.C. Sections 120, 121 and 365(c)

NOTE: "Except for a continued prosecution application filed under Section 1.53(d), any nonprovisional application claiming the benefit of one or more prior filed copending nonprovisional applications or international applications designating the United States of America must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior application, identifying it by application number (consisting of the series code and serial number) or international application number and international filing date and indicating the relationship of the applications... Cross-references to other related applications may be made when appropriate." (See Section 1.14(a)). 37 C.F.R. Section 1.78(a)(2).

| [] | "This application is a | |
|----|------------------------|--|
| | [] continuation | |

| | [] continuation-in-part | |
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| | [] divisional | |
| | of copending application(s) | |
| | [] application number 0 / | filed on |
| | [] International Application and which designated to | the U.S." |
| NOTE: | The proper reference to a prior filed PCT application that entered the U.S. nathe filing date of the PCT application that designated the U.S. | tional phase is the U.S. serial number and |
| NOTE: | (1) Where the application being transmitted adds subject matter to the International a continuation-in-part or (2) if it is desired to do so for other reasons then the fit | ional Application, then the filing can be as ling can be as a continuation. |
| NOTE: | The deadline for entering the national phase in the U.S. for an international April 28, 1987 (1079 O.G. 32 to 46) as follows: | application was clarified in the Notice of |
| | "The Patent and Trademark Office considers the International applementh from the priority date if the United States has been designated and not be Examination has been filed prior to the expiration of the 19th month from the from the priority date if a Demand for International Preliminary Examination America has been filed prior to the expiration of the 19th month from the prior international application has been communicated to the Patent and Trademan period respectively. If a copy of the international application has not been confifice within the 20 or 30 month period respectively, the international application United States 20 or 30 months from the priority date respectively. These perior paragraph (h) of Section 1.494 and paragraph (l) of Section 1.495. A continuand 120 may be filed anytime during the pendency of the international application. | Demand for International Preliminary priority date and until the 32nd month which elected the United States of prity date, provided that a copy of the k Office within the 20 or 30 month minimizated to the Patent and Trademark ation becomes abandoned as to the ds have been placed in the rules as ing application under 35 U.S.C. 365(c) |
| | [] "The nonprovisional application designated above, name | ly application _, filed, claims |
| | the benefit of U.S. Provisional Application(s) No(s).: | |
| APPLIC | ATION NO(S).: | FILING DATE |
| / | | |
| | [] Where more than one reference is made above please sentence. | combine all references into one |
| R0128932 | | Added pages2 |